

PATENT CLAIMS

1. A world timepiece
 - characterized in that, by means of a mechanical
5 transmission system (fig.1), the time display is
adjusted by the turning ring, a gear rim (6) being
fastened on the bottom side of the turning ring,
which gear rim drives a drive wheel (5) connected by
a shaft to a clutch wheel (4) and driving at least
10 one minute wheel (8) and/or (9), which, for their
part, move one or more time display wheels (10,11),
to be precise in the cycle determined by the number
of teeth on the star rim (14),
 - in that the turning ring can be turned in both
15 directions,
 - in that the time display, upon adjustment, is moved by
the turning ring either in the same direction as, or
if the minute wheel (8) is removed, in the opposite
direction to the turning ring,
 - 20 - in that the turning ring is activated or deactivated
via a locking device,
 - in that a wheel train is engaged or disengaged
 - and in that the timepiece is watertight.
2. The timepiece as claimed in claim 1, characterized
25 in that, for the time display, a 12-hour hand and/or
a 24-hour hand and/or a daytime disk having at least
two daytimes and/or a minute hand and/or a 12-hour
disk and/or a 24-hour disk is used.
3. The timepiece as claimed in claim 1, characterized
30 in that the locking device comprises a lever (1),
which is opened/closed and/or locks/unlocks the
turning ring and/or engages/disengages the
transmission mechanism.
4. The timepiece as claimed in claim 1 and 3,
35 characterized in that the turning ring is locked
according to fig. 7 by a special push-piece, which

is rounded at the bottom (2C), and thus does not turn, and has at the top a boss (2A), which fits into the gear rim (6) and thus locks it.

- 5 5. The timepiece as claimed in claim 1, characterized in that, as the engagement/disengagement mechanism, a clutch rocker (3) according to figs 1, 2, 3, 4, 5 is used.
- 10 6. The timepiece as claimed in claim 1-3, characterized in that, when the 24h-thresholds are breached, the date automatically changes forward or back, in that an additional wheel, which is coupled to the date, is added to the mechanism.
- 15 7. The timepiece as claimed in claim 1, characterized in that not only one locality per time zone, but also a plurality of localities with the same time zone, are displayed on the turning ring (7), in that on the gear ring (6) a sector is produced without teeth.
- 20 8. The timepiece as claimed in claim 1 and 2, having a turning ring (7) by which the summer and wintertime can be read and/or set.
- 25 9. The timepiece as claimed in claim 1, having a turning ring according to fig. 6, consisting of two parts, a main part and an exchangeable turning ring insert (19).
- 30 10. The timepiece as claimed in claim 1-3, characterized in that the time is also displayed in a half-hour cycle, in that the number of teeth on each transmission wheel are adapted appropriately.
- 35 11. The timepiece as claimed in claim 1-3, characterized in that the turning ring is used in conjunction with this wheel train also for changing or setting the date or the day of the week or the month or the year.
12. The timepiece as claimed in claim 1-3, characterized in that the turning ring is used in conjunction with

a wheel train for setting, in particular, an alarm function, or for setting minutes and hours or the winding mechanism of a mechanical movement, or for actuating chronograph functions or similar.